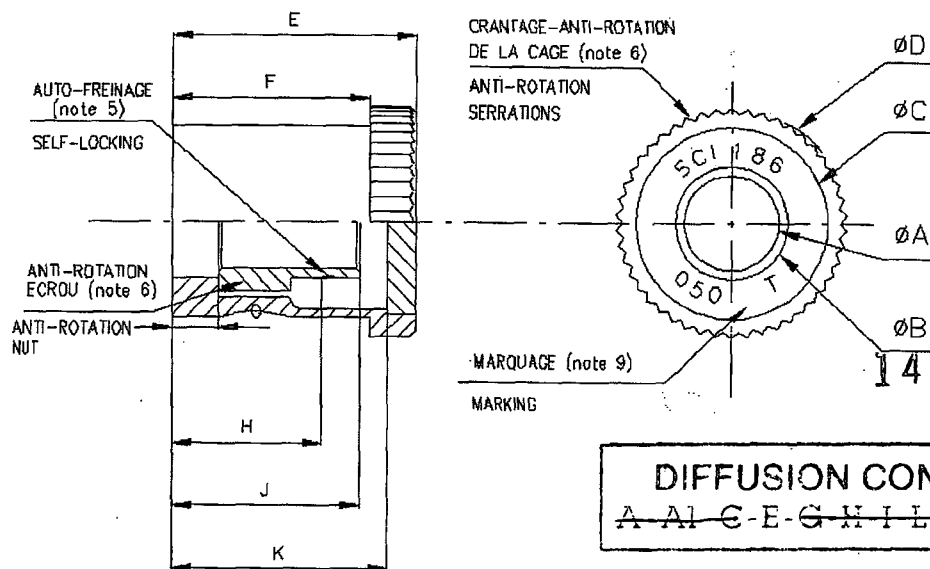


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**INSERT MJ METRIC, SELF
 LOCKING, FLOATING, FOR
 POTTING, STAINLESS
 STEEL**

SCI186



14 MAI 2007

Dimensions in millimeters

RECU 11 MAI 2007

TABLE 1 – DIMENSIONS (After plating)

DIA	A Thread	B	C	D	E	F	G	H	J	K	mass
DASH NO.	ISO 5855-1 & 2 Tol. 4H6H	+ 0,15 0	+ 0,2 0	+ 0,2 0	+ 0,2 0	±0,1	±0,1	max	min	+0,2 0	Kg/1000p REF
050	MJ5 x 0,80	6	10,2	12,2	13	10,5	2,5	7	10	11,5	5,08

TABLE 2 – MECHANICAL PERFORMANCES

DIA	Ultimate Tensile Strength	Push Out Load	Resistance To Rotation Of Nut Versus Housing
DASH NO.	N	N	N.m
050	12500	700	7,5

Technical Center	Drawn by	Signature	Date	Approved by	Signature	Date	Revision
PAGE 1/3	R LEMERCIER	R LEMERCIER	16-11-07-2007	V.VERDIER	<i>[Signature]</i>	10 May 07	A

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1 – MATERIALS:

- **Housing** : Stainless steel EZ6NCT25 per EN3761 or A286 per AMS 5737
 - **Cap** : Stainless steel Z2CN 18-10 per EN2465 or 300 serie per AMS-QQ-S-763
 - **Nut** : Alloy steel 35CD4 per EN2446 or AISI 8740 per AMS 6322
- Alternative materials per TR3775

2 – FINISHES:

- **Housing/cap** : Passivated per EN 2516
- **Nut** : Phosphated per NFL 09.753 Code TA

3 – LUBRICATION:

- **Housing/cap** : None
- **Nut** : Dry lube MoS2 per EN 2491 and NFL 09.753 Code TA

4 – THREADS: MJ thread according to ISO 5855-1 and 2
 Dimensions to be met before lubrication

5 - SELF-LOCKING: By local thread deformation

6 - Resistance to rotation of nut versus housing and rotationnal shear resistance of external serrations according to NFL 22.500 - Minimum torque resistance per **table 2**

7 - FLOATING ALLOWANCE: Radial travel $\pm 0,4\text{mm}$

8 - SURFACE ROUGHNESS: Ra 3,2 μm maxi

9 - MARKING:

- Basic part number
- Diameter code
- Manufacturer's identification : T or 

10- PROCUREMENT SPECIFICATION: NFL 22.500

11 – PART NUMBER DESIGNATION:

Part number designation : INSERT SC I 186- 050

Designation Prefix

Basic part number Diameter code.

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Revision

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A

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Revision	Date	Name	Modification(s)	Justification(s)
-	02/06/1995	-	New Document	-
A	16/04/2007	R. LEMERCIER	FINISHES : code TA. AIR norms deleted. EN norms added. New standard form.	-

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